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Network



1 Jan 2018 - 31 Dec 2021

11. huawei it hong kong data center

alibaba.com llc

telstra internet

15.

texas a&m university

vultr holdings Ilc

japan network information center

china science & technology network

18. china science and technology network

Explorer Summary



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2019	2020	2021	
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2019			2020			2021			
	Acquisition	1		Behaviour			Conversions		
Service Provider	Users	New Users	Sessions	Bounce Rate	Pages/Session	Avg. Session Duration	Goal Conversion Rate	Goal Completions	Goal Value

Service Provider	Users	New Users	Sessions	Bounce Rate	Pages/Session	Avg. Session Duration	Goal Conversion Rate	Goal Completions	Goal Value	
	4,526 % of Total: 100.00% (4,526)	4,548 % of Total: 100.04% (4,546)	7,710 % of Total: 100.00% (7,710)	81.37% Avg for View: 81.37% (0.00%)	1.29 Avg for View: 1.29 (0.00%)	00:01:09 Avg for View: 00:01:09 (0.00%)	0.00% Avg for View: 0.00% (0.00%)	% of Total: 0.00% (0)	U\$\$0.00 % of Total: 0.00% (U\$\$0.00)	
1 (not set)	3,035	3,032	5,367	81 85%	1 29	00:01:11	0.00%	0	US\$0.00	

	% of Total: 100.00% (4,526)	% of Total: 100.04% (4,546)	% of Total: 100.00% (7,710)	Avg for View: 81.37% (0.00%)	Avg for View: 1.29 (0.00%)	Avg for View: 00:01:09 (0.00%)	Avg for View: 0.00% (0.00%)	% of Total: 0.00% (0)	% of Total: 0.00% (US\$0.00)
1. (not set)	3,035 (64.85%)	3,032 (66.67%)	5,367 (69.61%)	81.85%	1.29	00:01:11	0.00%	(0.00%)	US\$0.00 (0.00%)
2. china unicom beijing province network	34 (0.73%)	30 (0.66%)	64 (0.83%)	84.38%	1.27	00:02:15	0.00%	0 (0.00%)	US\$0.00 (0.00%)

work	34 (0.73%)	30 (0.66%)	64 (0.83%)	84.38%	1.27	00:02:15	0.00%	0 (0.00%)	US\$0.00 (0.00%)
	32 (0.68%)	32 (0.70%)	44 (0.57%)	72.73%	1.41	00:00:57	0.00%	0 (0.00%)	US\$0.00 (0.00%)

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4. microsoft corporation	31 (0.66%)	30 (0.66%)	34 (0.44%)	88.24%	1.15	00:00:46	0.00%	0 (0.00%)	US\$0.00 (0.00%)
5. comcast cable communications IIc	30 (0.64%)	29 (0.64%)	46 (0.60%)	69.57%	1.41	00:00:50	0.00%	0 (0.00%)	US\$0.00 (0.00%)

6. imported inetnum object for univer-192	24 (0.51%)	23 (0.51%)	36 (0.47%)	80.56%	1.22	00:01:15	0.00%	0 (0.00%)	US\$0.00 (0.00%)
7. chinanet shanghai province network	20 (0.43%)	20 (0.44%)	24 (0.31%)	79.17%	1.25	00:01:28	0.00%	0 (0.00%)	US\$0.00 (0.00%)

8. korea telecom	20 (0.43%)	19 (0.42%)	25 (0.32%)	64.00%	1.48	00:00:23	0.00%	0 (0.00%)	US\$0.00 (0.00%)
9. it7 networks inc	19 (0.41%)	15 (0.33%)	21 (0.27%)	76.19%	1.33	00:02:12	0.00%	0 (0.00%)	US\$0.00 (0.00%)
10. chinanet jiangsu province network	17 (0.36%)	16 (0.35%)	20 (0.26%)	65.00%	1.55	00:02:58	0.00%	0 (0.00%)	US\$0.00 (0.00%)

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19.	chinanet beijing province network	12 (0.26%)	8 (0.18%)	17 (0.22%)	58.82%	1.76	00:02:59	0.00%	(0.00%)	US\$0.00 (0.00%)
20.	georgia institute of technology	12 (0.26%)	11 (0.24%)	18 (0.23%)	77.78%	1.33	00:02:31	0.00%	0 (0.00%)	US\$0.00 (0.00%)
21.	huawei technologies co. ltd	12 (0.26%)	11 (0.24%)	22 (0.29%)	77.27%	1.27	00:00:30	0.00%	(0.00%)	US\$0.00 (0.00%)
22.	seoul national university	12 (0.26%)	11 (0.24%)	14 (0.18%)	92.86%	1.07	00:02:05	0.00%	(0.00%)	US\$0.00 (0.00%)
23.	the pennsylvania state university	12 (0.26%)	12 (0.26%)	28 (0.36%)	85.71%	1.18	00:00:20	0.00%	(0.00%)	US\$0.00 (0.00%)
24.	charter communications inc	11 (0.24%)	11 (0.24%)	12 (0.16%)	75.00%	1.42	00:01:40	0.00%	(0.00%)	US\$0.00 (0.00%)
25.	comcast	11 (0.24%)	11 (0.24%)	15 (0.19%)	60.00%	1.53	00:01:20	0.00%	(0.00%)	US\$0.00 (0.00%)
26.	fiat information technology excellence and methods s.p.a	10 (0.21%)	10 (0.22%)	14 (0.18%)	92.86%	1.14	00:00:16	0.00%	(0.00%)	US\$0.00 (0.00%)
27.	imported inetnum object for ntu-3	10 (0.21%)	8 (0.18%)	13 (0.17%)	76.92%	1.54	00:03:14	0.00%	0 (0.00%)	US\$0.00 (0.00%)
28.	nan jing university	10 (0.21%)	9 (0.20%)	22 (0.29%)	86.36%	1.23	00:01:25	0.00%	0 (0.00%)	US\$0.00 (0.00%)
29.	amazon corporate llc	9 (0.19%)	9 (0.20%)	11 (0.14%)	81.82%	1.18	00:01:05	0.00%	0 (0.00%)	US\$0.00 (0.00%)
30.	beijing teletron telecom engineering co. ltd.	9 (0.19%)	9 (0.20%)	11 (0.14%)	72.73%	1.36	00:02:07	0.00%	0 (0.00%)	US\$0.00 (0.00%)
31.	chinanet guangdong province network	9 (0.19%)	9 (0.20%)	11 (0.14%)	63.64%	1.73	00:00:49	0.00%	0 (0.00%)	US\$0.00 (0.00%)
32.	university of california riverside	9 (0.19%)	9 (0.20%)	10 (0.13%)	60.00%	1.50	00:02:34	0.00%	(0.00%)	US\$0.00 (0.00%)
33.	china mobile communications corporation	8 (0.17%)	7 (0.15%)	11 (0.14%)	90.91%	1.09	<00:00:01	0.00%	0 (0.00%)	US\$0.00 (0.00%)
34.	imported inetnum object for hkp	8 (0.17%)	6 (0.13%)	23 (0.30%)	78.26%	1.26	00:03:21	0.00%	(0.00%)	US\$0.00 (0.00%)
35.	ipv4 address block not managed by the ripe ncc	8 (0.17%)	8 (0.18%)	9 (0.12%)	77.78%	1.22	00:00:05	0.00%	(0.00%)	US\$0.00 (0.00%)
36.	korea advanced institute of science and technology	8 (0.17%)	8 (0.18%)	12 (0.16%)	58.33%	1.75	00:00:51	0.00%	0 (0.00%)	US\$0.00 (0.00%)
37.	mci communications services inc. d/b/a verizon business	8 (0.17%)	6 (0.13%)	8 (0.10%)	87.50%	1.12	00:00:23	0.00%	(0.00%)	US\$0.00 (0.00%)
38.	optus internet - retail	8 (0.17%)	7 (0.15%)	18 (0.23%)	55.56%	1.78	00:01:48	0.00%	0 (0.00%)	US\$0.00 (0.00%)
39.	powai	8 (0.17%)	8 (0.18%)	9 (0.12%)	88.89%	1.11	00:01:11	0.00%	(0.00%)	US\$0.00 (0.00%)
40.	purdue university	8 (0.17%)	8 (0.18%)	14 (0.18%)	85.71%	1.14	00:00:05	0.00%	(0.00%)	US\$0.00 (0.00%)
41.	samsungsds inc.	8 (0.17%)	8 (0.18%)	18 (0.23%)	88.89%	1.11	00:00:12	0.00%	(0.00%)	US\$0.00 (0.00%)
42.	taipei taiwan	8 (0.17%)	8 (0.18%)	8 (0.10%)	87.50%	1.12	00:00:04	0.00%	0 (0.00%)	US\$0.00 (0.00%)
43.	university of minnesota	8 (0.17%)	8 (0.18%)	22 (0.29%)	86.36%	1.18	00:01:26	0.00%	0 (0.00%)	US\$0.00 (0.00%)
44.	university of waterloo	8 (0.17%)	8 (0.18%)	9 (0.12%)	88.89%	1.11	00:00:08	0.00%	0 (0.00%)	US\$0.00 (0.00%)
45.	charter communications	7 (0.15%)	7 (0.15%)	15 (0.19%)	73.33%	1.67	00:00:39	0.00%	0 (0.00%)	US\$0.00 (0.00%)
46.	hong kong telecommunications (hkt) limited mass internet	7 (0.15%)	6 (0.13%)	7 (0.09%)	71.43%	1.43	00:01:44	0.00%	0 (0.00%)	US\$0.00 (0.00%)
47.	imported inetnum object for nus-1	7 (0.15%)	7 (0.15%)	8 (0.10%)	87.50%	1.12	00:00:16	0.00%	0 (0.00%)	US\$0.00 (0.00%)
48.	northeastern university	7 (0.15%)	7 (0.15%)	9 (0.12%)	77.78%	1.22	00:00:45	0.00%	(0.00%)	US\$0.00 (0.00%)
49.	qihu 360 inc.	7 (0.15%)	7 (0.15%)	9 (0.12%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
50.	suddenlink communications	7 (0.15%)	7 (0.15%)	8 (0.10%)	75.00%	1.50	00:00:38	0.00%	0 (0.00%)	US\$0.00 (0.00%)
51.	the hong kong university of science and technology	7 (0.15%)	7 (0.15%)	9 (0.12%)	66.67%	1.33	00:01:38	0.00%	0 (0.00%)	US\$0.00 (0.00%)
52.	time warner cable internet llc	7 (0.15%)	6 (0.13%)	9 (0.12%)	55.56%	1.67	00:03:04	0.00%	0 (0.00%)	US\$0.00 (0.00%)
53.	university of texas at austin	7 (0.15%)	7 (0.15%)	8 (0.10%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)

54.	baidu usa IIc	6 (0.13%)	4 (0.09%)	7 (0.09%)	71.43%	1.29	00:00:18	0.00%	0 (0.00%)	US\$0.00 (0.00%)
55.	beijing guoxin bilin telecom technology co. ltd	6 (0.13%)	5 (0.11%)	8 (0.10%)	75.00%	2.00	00:01:46	0.00%	0 (0.00%)	US\$0.00 (0.00%)
56.	deutsche telekom ag	6 (0.13%)	6 (0.13%)	9 (0.12%)	88.89%	1.11	00:00:05	0.00%	0 (0.00%)	US\$0.00 (0.00%)
57.	florida state university	6 (0.13%)	6 (0.13%)	51 (0.66%)	76.47%	1.35	00:01:01	0.00%	0 (0.00%)	US\$0.00 (0.00%)
58.	fudan university	6 (0.13%)	6 (0.13%)	8 (0.10%)	75.00%	1.62	00:01:39	0.00%	0 (0.00%)	US\$0.00 (0.00%)
59.	hong kong university of science and technology	6 (0.13%)	6 (0.13%)	22 (0.29%)	72.73%	1.32	00:01:11	0.00%	0 (0.00%)	US\$0.00 (0.00%)
60.	iinet limited	6 (0.13%)	4 (0.09%)	6 (0.08%)	66.67%	1.50	00:00:07	0.00%	0 (0.00%)	US\$0.00 (0.00%)
61.	northwestern university	6 (0.13%)	6 (0.13%)	29 (0.38%)	75.86%	1.38	00:02:21	0.00%	0 (0.00%)	US\$0.00 (0.00%)
62.	sfr sa	6 (0.13%)	6 (0.13%)	6 (0.08%)	66.67%	1.33	00:01:37	0.00%	0 (0.00%)	US\$0.00 (0.00%)
63.	shanghai tech university	6 (0.13%)	6 (0.13%)	8 (0.10%)	75.00%	1.38	00:05:38	0.00%	0 (0.00%)	US\$0.00 (0.00%)
64.	telef nica brasil s.a	6 (0.13%)	6 (0.13%)	6 (0.08%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
65.	university of california irvine	6 (0.13%)	6 (0.13%)	9 (0.12%)	88.89%	1.11	00:02:09	0.00%	0 (0.00%)	US\$0.00 (0.00%)
66.	university of california santa barbara	6 (0.13%)	6 (0.13%)	6 (0.08%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
67.	university of virginia	6 (0.13%)	6 (0.13%)	8 (0.10%)	87.50%	1.12	00:00:05	0.00%	0 (0.00%)	US\$0.00 (0.00%)
68.	zhejiang university	6 (0.13%)	6 (0.13%)	10 (0.13%)	90.00%	1.10	00:02:53	0.00%	0 (0.00%)	US\$0.00 (0.00%)
69.	algar telecom s/a	5 (0.11%)	5 (0.11%)	13 (0.17%)	92.31%	1.08	00:00:02	0.00%	0 (0.00%)	US\$0.00 (0.00%)
70.	alicloud-hk	5 (0.11%)	4 (0.09%)	6 (0.08%)	83.33%	1.33	00:00:06	0.00%	0 (0.00%)	US\$0.00 (0.00%)
71.	at&t mobility IIc	5 (0.11%)	5 (0.11%)	5 (0.06%)	80.00%	1.20	00:00:46	0.00%	0 (0.00%)	US\$0.00 (0.00%)
72.	chinanet hubei province network	5 (0.11%)	5 (0.11%)	5 (0.06%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
73.	comcast ip services l.l.c.	5 (0.11%)	5 (0.11%)	5 (0.06%)	80.00%	1.60	00:01:28	0.00%	0 (0.00%)	US\$0.00 (0.00%)
74.	getwireless.net	5 (0.11%)	5 (0.11%)	8 (0.10%)	87.50%	1.25	00:00:37	0.00%	0 (0.00%)	US\$0.00 (0.00%)
75.	indian institute of technology madras beside adyar cancer instit	5 (0.11%)	5 (0.11%)	6 (0.08%)	33.33%	1.83	00:04:01	0.00%	0 (0.00%)	US\$0.00 (0.00%)
76.	linode	5 (0.11%)	5 (0.11%)	10 (0.13%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
77.	optus internet pty ltd	5 (0.11%)	3 (0.07%)	8 (0.10%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
78.	shanghai jiaotong university	5 (0.11%)	5 (0.11%)	13 (0.17%)	84.62%	1.23	00:00:35	0.00%	0 (0.00%)	US\$0.00 (0.00%)
79.	state university of new york at stony brook	5 (0.11%)	4 (0.09%)	5 (0.06%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
80.	universidad nacional de buenos aires	5 (0.11%)	5 (0.11%)	6 (0.08%)	83.33%	1.17	00:00:14	0.00%	(0.00%)	US\$0.00 (0.00%)
81.	university of cambridge	5 (0.11%)	4 (0.09%)	9 (0.12%)	88.89%	1.11	00:00:07	0.00%	0 (0.00%)	US\$0.00 (0.00%)
82.	uppsala university	5 (0.11%)	4 (0.09%)	10 (0.13%)	90.00%	1.10	00:00:01	0.00%	0 (0.00%)	US\$0.00 (0.00%)
83.	virginia polytechnic institute and state univ.	5 (0.11%)	5 (0.11%)	8 (0.10%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
84.	alicloud-us	4 (0.09%)	3 (0.07%)	10 (0.13%)	60.00%	1.70	00:03:47	0.00%	0 (0.00%)	US\$0.00 (0.00%)
85.	cernet super computer center	4 (0.09%)	4 (0.09%)	9 (0.12%)	66.67%	1.44	00:01:05	0.00%	0 (0.00%)	US\$0.00 (0.00%)
86.	chinanet sichuan province network	4 (0.09%)	4 (0.09%)	5 (0.06%)	60.00%	1.40	00:00:30	0.00%	0 (0.00%)	US\$0.00 (0.00%)
87.	digitalocean IIc	4 (0.09%)	3 (0.07%)	11 (0.14%)	90.91%	1.91	00:02:21	0.00%	0 (0.00%)	US\$0.00 (0.00%)
88.	google llc	4 (0.09%)	4 (0.09%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
		4	4	4	75.00%	1.05	00.00.00	0.000	0	USŠ0 00

89.	nurricane electric lic	(0.09%)	(0.09%)	(0.05%)	/5.00%	1.25	00:00:36	0.00%	(0.00%)	(0.00%)
90.	nanjing university	4 (0.09%)	4 (0.09%)	4 (0.05%)	50.00%	1.50	00:00:12	0.00%	(0.00%)	US\$0.00 (0.00%)
91.	ntt communications corporation	4 (0.09%)	4 (0.09%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
92.	princeton university	4 (0.09%)	4 (0.09%)	4 (0.05%)	75.00%	1.50	00:00:05	0.00%	(0.00%)	US\$0.00 (0.00%)
93.	raytheon company	4 (0.09%)	4 (0.09%)	7 (0.09%)	85.71%	1.29	00:00:26	0.00%	(0.00%)	US\$0.00 (0.00%)
94.	reliance jio infocomm limited	4 (0.09%)	4 (0.09%)	5 (0.06%)	60.00%	1.40	00:00:14	0.00%	(0.00%)	US\$0.00 (0.00%)
95.	sandia national laboratories	4 (0.09%)	4 (0.09%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
96.	shenzhen tencent computer systems company limited	4 (0.09%)	4 (0.09%)	5 (0.06%)	60.00%	1.40	00:02:20	0.00%	(0.00%)	US\$0.00 (0.00%)
97.	symantec corporation	4 (0.09%)	4 (0.09%)	8 (0.10%)	75.00%	1.38	00:01:49	0.00%	(0.00%)	US\$0.00 (0.00%)
98.	t-mobile usa inc.	4 (0.09%)	4 (0.09%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
99.	tianjin university	4 (0.09%)	4 (0.09%)	5 (0.06%)	40.00%	2.80	00:08:23	0.00%	(0.00%)	US\$0.00 (0.00%)
100.	tpg internet pty ltd.	4 (0.09%)	4 (0.09%)	5 (0.06%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
101.	university of illinois	4 (0.09%)	(0.04%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
102.	university of maryland	4 (0.09%)	4 (0.09%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
103.	washington state university	4 (0.09%)	4 (0.09%)	7 (0.09%)	28.57%	2.00	00:02:23	0.00%	(0.00%)	US\$0.00 (0.00%)
104.	1&1 versatel deutschland gmbh	3 (0.06%)	(0.07%)	4 (0.05%)	75.00%	1.25	00:00:16	0.00%	(0.00%)	US\$0.00 (0.00%)
105.	26 f tower one times square 1 matheson street causeway bay	3 (0.06%)	1 (0.02%)	5 (0.06%)	60.00%	1.40	00:00:25	0.00%	(0.00%)	US\$0.00 (0.00%)
106.	access media holdings llc	3 (0.06%)	(0.07%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
107.	adsl llu pools	3 (0.06%)	(0.04%)	3 (0.04%)	66.67%	1.33	00:08:11	0.00%	(0.00%)	US\$0.00 (0.00%)
108.	amazon data services singapore	3 (0.06%)	(0.07%)	5 (0.06%)	80.00%	1.20	00:00:59	0.00%	(0.00%)	US\$0.00 (0.00%)
109.	amazon technologies inc.	3 (0.06%)	(0.07%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
110.	at&t corp.	3 (0.06%)	3 (0.07%)	4 (0.05%)	75.00%	1.25	00:03:01	0.00%	(0.00%)	US\$0.00 (0.00%)
111.	beijing hang kong hang tian da xue co.ltd	3 (0.06%)	(0.04%)	4 (0.05%)	75.00%	1.25	00:06:22	0.00%	(0.00%)	US\$0.00 (0.00%)
112.	beijing new-billion telecom technology co. ltd	3 (0.06%)	(0.07%)	6 (0.08%)	50.00%	1.83	00:01:29	0.00%	(0.00%)	US\$0.00 (0.00%)
113.	cambridge	3 (0.06%)	(0.07%)	7 (0.09%)	85.71%	1.14	00:01:34	0.00%	(0.00%)	US\$0.00 (0.00%)
114.	cellco partnership dba verizon wireless	3 (0.06%)	(0.07%)	3 (0.04%)	66.67%	1.33	00:01:32	0.00%	(0.00%)	US\$0.00 (0.00%)
115.	china unicom guangdong province network	3 (0.06%)	(0.07%)	3 (0.04%)	66.67%	1.33	00:00:15	0.00%	(0.00%)	US\$0.00 (0.00%)
116.	china unicom jiangsu province network	3 (0.06%)	(0.04%)	4 (0.05%)	50.00%	1.50	00:00:36	0.00%	(0.00%)	US\$0.00 (0.00%)
117.	chinanet hunan province network	3 (0.06%)	(0.07%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
118.	choopa IIc	3 (0.06%)	(0.04%)	4 (0.05%)	75.00%	1.25	00:01:15	0.00%	(0.00%)	US\$0.00 (0.00%)
119.	columbia university	3 (0.06%)	(0.04%)	5 (0.06%)	80.00%	1.20	00:05:56	0.00%	(0.00%)	US\$0.00 (0.00%)
120.	comcast cable communications inc.	3 (0.06%)	1 (0.02%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
121.	commissariat a l'energie atomique	3 (0.06%)	(0.07%)	3 (0.04%)	66.67%	1.33	00:00:46	0.00%	(0.00%)	US\$0.00 (0.00%)
122.	danmarks tekniske universitet	3 (0.06%)	(0.04%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
123.	delft university of technology network	3 (0.06%)	(0.07%)	3 (0.04%)	66.67%	1.67	00:00:28	0.00%	(0.00%)	US\$0.00 (0.00%)
124.	exetel adsl users	3	3	3	66.67%	1.33	00:00:03	0.00%	0 0000	US\$0.00

		(0.06%)	(0.07%)	(0.04%)					(0.00%)	(0.00%)
125.	fastweb spa	3 (0.06%)	(0.04%)	3 (0.04%)	66.67%	1.33	00:00:23	0.00%	(0.00%)	US\$0.00 (0.00%)
126.	google	3 (0.06%)	3 (0.07%)	4 (0.05%)	50.00%	5.50	00:03:28	0.00%	(0.00%)	US\$0.00 (0.00%)
127.	hanaro telecom inc.	3 (0.06%)	3 (0.07%)	9 (0.12%)	66.67%	1.33	00:01:39	0.00%	(0.00%)	US\$0.00 (0.00%)
128.	hong kong telecommunications (hkt) limited business internet	3 (0.06%)	(0.07%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
129.	iit kanpur campus network	3 (0.06%)	3 (0.07%)	3 (0.04%)	66.67%	1.33	00:00:14	0.00%	0 (0.00%)	US\$0.00 (0.00%)
130.	infrastructure for fastwebs main location	3 (0.06%)	3 (0.07%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
131.	iucc - israel interuniversity computation center	3 (0.06%)	3 (0.07%)	3 (0.04%)	66.67%	1.33	00:00:14	0.00%	(0.00%)	US\$0.00 (0.00%)
132.	johns hopkins university	3 (0.06%)	(0.04%)	5 (0.06%)	80.00%	1.20	00:02:57	0.00%	(0.00%)	US\$0.00 (0.00%)
133.	lg dacom corporation	3 (0.06%)	3 (0.07%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
134.	myrepublic ltd http	3 (0.06%)	(0.07%)	4 (0.05%)	75.00%	1.50	00:05:47	0.00%	(0.00%)	US\$0.00 (0.00%)
135.	nec laboratories america inc.	3 (0.06%)	(0.07%)	4 (0.05%)	75.00%	1.50	00:02:43	0.00%	(0.00%)	US\$0.00 (0.00%)
136.	pt prime - solucoes empresariais	3 (0.06%)	(0.07%)	4 (0.05%)	75.00%	1.50	00:00:03	0.00%	(0.00%)	US\$0.00 (0.00%)
137.	rcs & rds residential	3 (0.06%)	3 (0.07%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
138.	sk broadband co ltd	3 (0.06%)	(0.07%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
139.	stevens institute of technology	3 (0.06%)	3 (0.07%)	3 (0.04%)	33.33%	2.00	00:02:17	0.00%	(0.00%)	US\$0.00 (0.00%)
140.	stichting vu	3 (0.06%)	3 (0.07%)	3 (0.04%)	66.67%	2.00	00:00:15	0.00%	(0.00%)	US\$0.00 (0.00%)
141.	sungkyunkwan university (skku)	3 (0.06%)	3 (0.07%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
142.	tencent cloud computing (beijing) co. ltd.	3 (0.06%)	3 (0.07%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
143.	transworld associates (pvt.) ltd.	3 (0.06%)	(0.04%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
144.	universitaet des saarlandes saarbruecken	3 (0.06%)	3 (0.07%)	4 (0.05%)	75.00%	1.25	00:00:48	0.00%	(0.00%)	US\$0.00 (0.00%)
145.	university of florida	3 (0.06%)	3 (0.07%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
146.	university of houston	3 (0.06%)	(0.04%)	4 (0.05%)	50.00%	1.50	00:02:25	0.00%	(0.00%)	US\$0.00 (0.00%)
147.	university of iowa	3 (0.06%)	3 (0.07%)	5 (0.06%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
148.	university of michigan	3 (0.06%)	3 (0.07%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
149.	university of north carolina at chapel hill	3 (0.06%)	3 (0.07%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
150.	university of pennsylvania	3 (0.06%)	(0.07%)	4 (0.05%)	75.00%	1.25	00:02:11	0.00%	(0.00%)	US\$0.00 (0.00%)
151.	university of southern california	3 (0.06%)	(0.04%)	5 (0.06%)	80.00%	1.20	00:00:04	0.00%	(0.00%)	US\$0.00 (0.00%)
152.	university of wisconsin-madison	3 (0.06%)	(0.04%)	4 (0.05%)	50.00%	1.50	00:01:21	0.00%	(0.00%)	US\$0.00 (0.00%)
153.	vpn consumer network	3 (0.06%)	(0.04%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
154.	wuhan university	3 (0.06%)	(0.07%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
155.	xi an xi gong da university network center	3 (0.06%)	(0.07%)	4 (0.05%)	25.00%	2.25	00:07:48	0.00%	(0.00%)	US\$0.00 (0.00%)
156.	*se4-ptk*	2 (0.04%)	0 (0.00%)	2 (0.03%)	50.00%	2.00	00:00:01	0.00%	(0.00%)	US\$0.00 (0.00%)
157.	aapt limited	2 (0.04%)	(0.04%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
158.	alibaba cloud (singapore) private limited	2 (0.04%)	1 (0.02%)	(0.03%)	50.00%	1.50	00:00:28	0.00%	(0.00%)	US\$0.00 (0.00%)
159.	aliyun computing co. ltd	2 (0.04%)	(0.04%)	2 (0.03%)	50.00%	1.50	00:01:53	0.00%	0 (0.00%)	US\$0.00 (0.00%)

160.	apogee	2 (0.04%)	1 (0.02%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
161.	arizona state university	2 (0.04%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
162.	asahi net inc.	2 (0.04%)	(0.04%)	2 (0.03%)	0.00%	2.00	00:01:17	0.00%	0 (0.00%)	US\$0.00 (0.00%)
163.	at&t mobility IIc	2 (0.04%)	2 (0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
164.	beijing baidu netcom science and technology co. ltd.	2 (0.04%)	2 (0.04%)	4 (0.05%)	75.00%	1.25	00:01:13	0.00%	0 (0.00%)	US\$0.00 (0.00%)
165.	beijing kuanjie net communication technology ltd	2 (0.04%)	(0.04%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
166.	binghamton university	2 (0.04%)	2 (0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
167.	blue ridge websoft llc	2 (0.04%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
168.	brian knoll	2 (0.04%)	2 (0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
169.	broadband-cables	2 (0.04%)	2 (0.04%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
170.	cambridge man customers	2 (0.04%)	(0.04%)	3 (0.04%)	66.67%	1.33	00:00:43	0.00%	(0.00%)	US\$0.00 (0.00%)
171.	carnegie mellon university	2 (0.04%)	(0.04%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
172.	carnival-internet	2 (0.04%)	(0.04%)	(0.04%)	66.67%	1.33	00:01:03	0.00%	(0.00%)	US\$0.00 (0.00%)
173.	cat networks k.k.	2 (0.04%)	(0.04%)	(0.03%)	50.00%	1.50	00:00:36	0.00%	(0.00%)	US\$0.00 (0.00%)
174.	chief telecom inc.	2 (0.04%)	(0.02%)	3 (0.04%)	66.67%	1.67	00:00:30	0.00%	(0.00%)	US\$0.00 (0.00%)
175.	china unicom ip network	2 (0.04%)	(0.04%)	15 (0.19%)	86.67%	1.13	00:01:08	0.00%	(0.00%)	US\$0.00 (0.00%)
176.	china unicom shanghai network	2 (0.04%)	(0.04%)	2 (0.03%)	50.00%	1.50	00:03:31	0.00%	(0.00%)	US\$0.00 (0.00%)
177.	chinanet hebei province network	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
178.	chinanet neimenggu province network	2 (0.04%)	(0.04%)	11 (0.14%)	72.73%	1.36	00:07:14	0.00%	(0.00%)	US\$0.00 (0.00%)
179.	chinanet shaanxi province network	2 (0.04%)	(0.04%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
180.	chinanet-zj hangzhou node network	2 (0.04%)	2 (0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
181.	city university of hong kong	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
182.	cluster logic inc	2 (0.04%)	(0.04%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
183.	comcast cable communications holdings inc	2 (0.04%)	(0.04%)	3 (0.04%)	66.67%	1.33	00:00:17	0.00%	(0.00%)	US\$0.00 (0.00%)
184.	condointernet.net	2 (0.04%)	(0.04%)	2 (0.03%)	50.00%	1.50	00:01:56	0.00%	(0.00%)	US\$0.00 (0.00%)
185.	ctm	2 (0.04%)	(0.04%)	2 (0.03%)	50.00%	1.50	00:05:43	0.00%	(0.00%)	US\$0.00 (0.00%)
186.	cyber internet services pakistan	2 (0.04%)	(0.04%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
187.	dynamic broadband services	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
188.	elauwit networks IIc	2 (0.04%)	1 (0.02%)	2 (0.03%)	50.00%	1.50	00:00:12	0.00%	(0.00%)	US\$0.00 (0.00%)
189.	fengye networks limited	2 (0.04%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
190.	fibrenoire inc.	2 (0.04%)	2 (0.04%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
191.	fondation restena	2 (0.04%)	2 (0.04%)	(0.03%)	0.00%	2.50	00:04:09	0.00%	(0.00%)	US\$0.00 (0.00%)
192.	fpt telecom company	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
193.	frontier communications of america inc.	2 (0.04%)	2 (0.04%)	3 (0.04%)	66.67%	1.33	00:00:03	0.00%	(0.00%)	US\$0.00 (0.00%)
194.	gprs subscribers	2 (0.04%)	1 (0.02%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)

195.	host virtual inc	(0.04%)	(0.04%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
196.	ibm	2 (0.04%)	2 (0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
197.	imperial college london	2 (0.04%)	2 (0.04%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
198.	imported inetnum object for csc-23	2 (0.04%)	2 (0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
199.	indian institute of technology kanpur	2 (0.04%)	2 (0.04%)	3 (0.04%)	66.67%	1.33	00:00:07	0.00%	0 (0.00%)	US\$0.00 (0.00%)
200.	institute for system programming ras (isp ras)	2 (0.04%)	2 (0.04%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
201.	intel corporation	2 (0.04%)	2 (0.04%)	(0.03%)	50.00%	1.50	00:00:52	0.00%	0 (0.00%)	US\$0.00 (0.00%)
202.	internet service provider	2 (0.04%)	2 (0.04%)	2 (0.03%)	50.00%	1.50	00:01:38	0.00%	0 (0.00%)	US\$0.00 (0.00%)
203.	ip allocation 1 lums	2 (0.04%)	(0.04%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
204.	ip pools	2 (0.04%)	(0.04%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
205.	iti	2 (0.04%)	0 (0.00%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
206.	japan nation-wide network of softbank corp.	2 (0.04%)	(0.04%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
207.	kabel deutschland breitband customer 16	(0.04%)	(0.04%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
208.	kddi corporation	2 (0.04%)	2 (0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
209.	korea university	2 (0.04%)	2 (0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
210.	lawrence berkeley national laboratory	2 (0.04%)	2 (0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
211.	lawrence livermore national laboratory	2 (0.04%)	2 (0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
212.	ludwig-maximilians-universitaet muenchen	2 (0.04%)	1 (0.02%)	10 (0.13%)	70.00%	1.80	00:04:02	0.00%	0 (0.00%)	US\$0.00 (0.00%)
213.	m1 ltd	(0.04%)	2 (0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
214.	mailbox networks	2 (0.04%)	2 (0.04%)	3 (0.04%)	0.00%	2.00	00:00:06	0.00%	0 (0.00%)	US\$0.00 (0.00%)
215.	memorial university of newfoundland	2 (0.04%)	2 (0.04%)	4 (0.05%)	75.00%	1.25	00:05:14	0.00%	(0.00%)	US\$0.00 (0.00%)
216.	microsoft singapore pte. ltd.	(0.04%)	2 (0.04%)	4 (0.05%)	75.00%	1.50	00:00:06	0.00%	0 (0.00%)	US\$0.00 (0.00%)
217.	mobil internet access	2 (0.04%)	2 (0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
218.	multinet broadband	2 (0.04%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
219.	nazmul karim bhuiyan t a ks network	(0.04%)	2 (0.04%)	10 (0.13%)	90.00%	1.10	00:00:03	0.00%	0 (0.00%)	US\$0.00 (0.00%)
220.	optimum online (cablevision systems)	2 (0.04%)	2 (0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
221.	oxford university	2 (0.04%)	2 (0.04%)	2 (0.03%)	50.00%	2.00	00:09:36	0.00%	(0.00%)	US\$0.00 (0.00%)
222.	prima s.a.	2 (0.04%)	2 (0.04%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
223.	samsung research america inc.	2 (0.04%)	2 (0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
224.	saudi telecom company jsc	2 (0.04%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
225.	shentel service company	2 (0.04%)	(0.04%)	(0.03%)	0.00%	2.50	00:06:26	0.00%	0 (0.00%)	US\$0.00 (0.00%)
226.	shenzhen branch china netcom corp	2 (0.04%)	(0.04%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
227.	single digits inc.	(0.04%)	1 (0.02%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
228.	sky broadband	2 (0.04%)	(0.04%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
229.	some subnet out of this range have been assigned to our gprs sub	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
230	starbub cable vision ltd	2	2	2	100 00%	1.00	00.00.00	0.00%	0	US\$0.00

200.	otamas ousid moion ita	(0.04%)	(0.04%)	(0.03%)	100.0070	1.00	00.00.00	0.00%	(0.00%)	(0.00%)
231.	sudokwonseobubonbu	2 (0.04%)	1 (0.02%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
232.	sunrise switzerland	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
233.	swiss federal institute of technology zurich	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
234.	synopsys inc.	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
235.	taiwan academic network	2 (0.04%)	1 (0.02%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
236.	technische universitaet darmstadt	2 (0.04%)	2 (0.04%)	3 (0.04%)	66.67%	1.33	00:00:03	0.00%	(0.00%)	US\$0.00 (0.00%)
237.	telefonica de espana sau	2 (0.04%)	(0.04%)	2 (0.03%)	50.00%	2.00	00:00:46	0.00%	(0.00%)	US\$0.00 (0.00%)
238.	telia network services	2 (0.04%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
239.	telstra	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
240.	the hong kong polytechnic university	2 (0.04%)	(0.04%)	5 (0.06%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
241.	ticket 09-07725	2 (0.04%)	(0.04%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
242.	tsinghua university	2 (0.04%)	(0.04%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
243.	tt dotcom sdn bhd	2 (0.04%)	(0.04%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
244.	tw telecom holdings inc.	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
245.	uninett as	2 (0.04%)	(0.04%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
246.	unitymedia bw gmbh	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
247.	universita degli studi di milano-bicocca	2 (0.04%)	0 (0.00%)	7 (0.09%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
248.	universitaet paderborn	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
249.	university of alberta	2 (0.04%)	(0.04%)	4 (0.05%)	75.00%	1.50	00:01:10	0.00%	(0.00%)	US\$0.00 (0.00%)
250.	university of california san diego	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
251.	university of chinese academy of sciences	2 (0.04%)	(0.00%)	3 (0.04%)	66.67%	1.67	00:05:37	0.00%	(0.00%)	US\$0.00 (0.00%)
252.	upc polska sp. z o.o.	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
253.	verizon	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
254.	videotron Itee	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
255.	vrije universiteit amsterdam	2 (0.04%)	(0.04%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
256.	wind telecomunicazioni s.p.a	2 (0.04%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
257.	wtt hk limited	2 (0.04%)	1 (0.02%)	(0.03%)	50.00%	3.00	00:09:59	0.00%	(0.00%)	US\$0.00 (0.00%)
258.	xian jiaotong university	2 (0.04%)	(0.04%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
259.	*se1-ptk*	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:09	0.00%	(0.00%)	US\$0.00 (0.00%)
260.	*se2-ptk*	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
261.	*se3-drp*	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
262.	*se5-ptk*	1 (0.02%)	(0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
263.	*se6-ptk*	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
264.	02 online (uk)	1 (0.02%)	(0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
265.	12225 el camino real suite 100	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)

266.	500 oracle parkway	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
267.	a100 row gmbh	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
268.	abcde group company limited	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
269.	access softek inc	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
270.	adsl41	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
271.	advanced technology services inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
272.	airbus defense and space gmbh	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:01:23	0.00%	0 (0.00%)	US\$0.00 (0.00%)
273.	airspace communications gmbh	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
274.	ajou university	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:01:28	0.00%	0 (0.00%)	US\$0.00 (0.00%)
275.	akadeemia tee 28	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
276.	altech technology concepts	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
277.	amanah tech inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
278.	amazon corporate services pty ltd	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:04:04	0.00%	(0.00%)	US\$0.00 (0.00%)
279.	amazon data services japan	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
280.	amazon data services uk	1 (0.02%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
281.	andrews & arnold ltd	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:01:59	0.00%	(0.00%)	US\$0.00 (0.00%)
282.	anhui hefei adsl ippool	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
283.	ano vo universitet innopolis	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
284.	ans communications inc	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
285.	apple inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
286.	arteria networks corporation	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	3.00	00:01:22	0.00%	(0.00%)	US\$0.00 (0.00%)
287.	at&t corp.	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	3.00	00:01:25	0.00%	(0.00%)	US\$0.00 (0.00%)
288.	athens university of economics and business	1 (0.02%)	1 (0.02%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
289.	aydin yazilim ve elektronik sanayii a.s.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
290.	bangladesh university of engineering and technology	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
291.	bank of hangzhou	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
292.	bath north east somerset council	1 (0.02%)	1 (0.02%)	2 (0.03%)	0.00%	4.50	00:05:58	0.00%	(0.00%)	US\$0.00 (0.00%)
293.	bcl north d - 184 okhla industrial estate phase - 1 delhi	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
294.	beijing bitone united networks technology service co. ltd.	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
295.	beijing qihu technology company limited	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:34	0.00%	0 (0.00%)	US\$0.00 (0.00%)
296.	beijing sankuai cloud computing co. ltd.	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:06:45	0.00%	0 (0.00%)	US\$0.00 (0.00%)
297.	beijing university of aeronautics and astronautics	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
298.	beijing weishichuangjie technical development co. Itd	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
299.	bell canada - nhs	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
300.	beltelecom	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:07:02	0.00%	0 (0.00%)	US\$0.00 (0.00%)

301.	bezeq international-ltd	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
302.	bharti airtel limitedground floor55 bannerghatta main road banga	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:08:04	0.00%	(0.00%)	US\$0.00 (0.00%)
303.	bharti airtel ltd 1 malviya nagar bhopal madhya pradesh 462003	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
304.	bharti cellular ltd. new delhi	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
305.	bharti tele ventures ltd plot no	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
306.	biesse-001 public subnet	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
307.	birkbeck college	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
308.	biz net technologies	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
309.	bredband2 ab	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
310.	bright house networks	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
311.	british telecommunications plc	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
312.	broadband multiplay project o o dgm bb noc bsnl bangalore	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
313.	bt-adsl-lns	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
314.	btbroadband-agg-56	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
315.	cablecom-uwe-brecon-data	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
316.	california state university office of the chancellor	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
317.	callplus services limited	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
318.	cdn77 zurich	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:04:02	0.00%	(0.00%)	US\$0.00 (0.00%)
319.	cellcom fixed line communication l.p.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
320.	cellucar subscribers for ggsn	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
321.	cellucar subscribers for ggsn rh	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
322.	cellucar subscribers for ggsn rh & yv	1 (0.02%)	0 (0.00%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
323.	cellucar subscribers for ggsn yv	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
324.	center for computing sciences	1 (0.02%)	1 (0.02%)	2 (0.03%)	50.00%	1.50	00:02:06	0.00%	(0.00%)	US\$0.00 (0.00%)
325.	central + migration to 21cn	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	3.00	00:08:35	0.00%	(0.00%)	US\$0.00 (0.00%)
326.	centurylink communications IIc	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
327.	cern - european organization for nuclear research	1 (0.02%)	1 (0.02%)	2 (0.03%)	50.00%	1.50	00:00:09	0.00%	(0.00%)	US\$0.00 (0.00%)
328.	cernet ipv6 backbone	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:25	0.00%	(0.00%)	US\$0.00 (0.00%)
329.	china education and research network	1 (0.02%)	1 (0.02%)	(0.03%)	50.00%	1.50	00:00:52	0.00%	(0.00%)	US\$0.00 (0.00%)
330.	china telecom americas corporation	1 (0.02%)	1 (0.02%)	(0.03%)	50.00%	2.00	00:01:47	0.00%	0 (0.00%)	US\$0.00 (0.00%)
331.	china unicom	1 (0.02%)	1 (0.02%)	(0.03%)	50.00%	2.00	00:06:15	0.00%	0 (0.00%)	US\$0.00 (0.00%)
332.	china unicom henan province network	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
333.	china unicom hubei province network	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
334.	china unicom shandong province network	1 (0.02%)	1 (0.02%)	4 (0.05%)	75.00%	1.25	00:00:26	0.00%	0 (0.00%)	US\$0.00 (0.00%)
335.	china unicom shanghai city network	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:13:48	0.00%	(0.00%)	US\$0.00 (0.00%)

336.	china unicom shannxi province network	1 (0.02%)	1 (0.02%)	4 (0.05%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
337.	china unicom shenzhen city network	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
338.	chinanet chongqing province network	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
339.	chinanet fujian province network	1 (0.02%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
340.	chinanet gansu province network	(0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
341.	chinanet heilongjiang province network	(0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
342.	chinanet network in wuhan city hubei province	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:01:10	0.00%	0 (0.00%)	US\$0.00 (0.00%)
343.	chinanet shandong province network	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
344.	chinanet shanxi(sn) province network	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:05:07	0.00%	0 (0.00%)	US\$0.00 (0.00%)
345.	chita medias network inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
346.	chungnam national university	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
347.	cidr block for customers	1 (0.02%)	0 (0.00%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
348.	cim engineering inc	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
349.	cisco systems inc.	(0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
350.	claro s.a.	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:17	0.00%	0 (0.00%)	US\$0.00 (0.00%)
351.	claro s/a	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
352.	clemson university	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	7.00	00:10:27	0.00%	0 (0.00%)	US\$0.00 (0.00%)
353.	cloudvsp.inc	(0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
354.	cloudwifi	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
355.	cmc telecom infrastructure company	(0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
356.	comcast cable communications	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
357.	comcast cable communications inc	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
358.	comcast cable communications ip services	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
359.	cox communications	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
360.	cox communications inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	3.00	00:00:18	0.00%	0 (0.00%)	US\$0.00 (0.00%)
361.	customer allocation - internet service	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
362.	customer ip	1 (0.02%)	0 (0.00%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
363.	dai ip cho dich vu adsl dgn+nan	1 (0.02%)	1 (0.02%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
364.	dalian network center of dlut	1 (0.02%)	1 (0.02%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
365.	dalian university of technology	1 (0.02%)	1 (0.02%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
366.	davis community network	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
367.	digi ltd.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
368.	dix co. ltd.	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	4.00	00:09:57	0.00%	(0.00%)	US\$0.00 (0.00%)
369.	donaldson company	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
370.	dsl subscribers	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
371	dynamic del - london	1	1	1	100 00%	1.00	00.00.00	0.00%	0	US\$0.00

371.	dynamic dar Tondon	(0.02%)	(0.02%)	(0.01%)	100.00%	1.00	00.00.00	0.00%	(0.00%)	(0.00%)
372.	dynamic pools	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
373.	dynamically assigned ips for the broadband customers	1 (0.02%)	(0.02%)	1 (0.01%)	0.00%	2.00	00:01:06	0.00%	(0.00%)	US\$0.00 (0.00%)
374.	ecole polytechnique federale de lausanne	1 (0.02%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
375.	elisa oyj	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
376.	entreprise des p&t	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
377.	eotvos lorand university of sciences	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
378.	ericsson nikola tesla d.d.	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
379.	essensys inc.	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
380.	facebook inc	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
381.	fast.co.uk	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
382.	fastweb	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
383.	foss a/s	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
384.	free mobile sas	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
385.	free sas	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
386.	frontier communications	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
387.	ftip003499276 bt project west	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
388.	fu-jen catholic university	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
389.	funda o universidade de bras lia	1 (0.02%)	(0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
390.	fundacion imdea software	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
391.	future internet technology tsinghua university	1 (0.02%)	(0.00%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
392.	futurewei technologies	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
393.	fuzhou telecom company	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
394.	galois inc.	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
395.	ggsn 3g	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
396.	gigamonster	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
397.	gmo internet inc.	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
398.	gmv innovating solutions sl.	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
399.	gongchengdaxue college	1 (0.02%)	(0.00%)	1 (0.01%)	0.00%	2.00	00:11:11	0.00%	(0.00%)	US\$0.00 (0.00%)
400.	government college of technology coimbatore	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
401.	hangzhou hikvision digital technology co. ltd.	1 (0.02%)	(0.02%)	1 (0.01%)	0.00%	2.00	00:04:43	0.00%	(0.00%)	US\$0.00 (0.00%)
402.	hankuksobangkeomjeomkongsa	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
403.	hellenic telecommunications organization	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
404.	hgc global communications limited	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
405.	high speed internet customers	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
406.	hiline internet service inc.	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)

407.	hivelocity inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
408.	hochschule aalen	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
409.	honeywell international inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
410.	hong kong telecommunications (hkt) limited	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	3.00	00:00:47	0.00%	0 (0.00%)	US\$0.00 (0.00%)
411.	hos-171816	1 (0.02%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
412.	hosteons.com vps	1 (0.02%)	1 (0.02%)	3 (0.04%)	66.67%	1.33	00:00:32	0.00%	0 (0.00%)	US\$0.00 (0.00%)
413.	huawei public cloud service (huawei software technologies co. It	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
414.	huawei technologies india	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
415.	hutchison global communications	1 (0.02%)	1 (0.02%)	(0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
416.	hydra communications ltd	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
417.	hyperoptic ltd	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:03:26	0.00%	0 (0.00%)	US\$0.00 (0.00%)
418.	iaak technologies inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:12	0.00%	0 (0.00%)	US\$0.00 (0.00%)
419.	ibm canada ltd	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
420.	idea cellular limited	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
421.	iit hyderabad	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
422.	iliad italia s.p.a	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
423.	imported inetnum object for anu	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:36	0.00%	0 (0.00%)	US\$0.00 (0.00%)
424.	imported inetnum object for cuhk	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
425.	imported inetnum object for iiint	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
426.	imported inetnum object for itrii	1 (0.02%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
427.	imported inetnum object for moec	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
428.	imported inetnum object for victor-7	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
429.	indian institute of science bangalore	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
430.	indian institute of technology (iit) guwahati	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
431.	infra	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
432.	institut fuer informatik der tu muenchen rechnerbetriebsgruppe b	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
433.	institut national de la sante et de la recherche medicale	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
434.	institut national de recherche en informatique et automatique de	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
435.	internet initiative japan inc.	1 (0.02%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
436.	inxy ltd.	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:01:21	0.00%	0 (0.00%)	US\$0.00 (0.00%)
437.	ip addresses assigned to vf customers	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
438.	ip addresses assigned to vf-it mobile customers	1 (0.02%)	0 (0.00%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
439.	ip range allocate for qtsc s internet data center	1 (0.02%)	1 (0.02%)	(0.03%)	0.00%	4.00	00:02:30	0.00%	0 (0.00%)	US\$0.00 (0.00%)
440.	ip range assigned for vdf-it customers	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:05:22	0.00%	0 (0.00%)	US\$0.00 (0.00%)
441.	iran cell service and communication company	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)

442.	iskratelecom zao / iskra-net	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
443.	it8 - informacni technologie s.r.o.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
444.	itc	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
445.	japan network enabler	1 (0.02%)	1 (0.02%)	(0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
446.	jiangxi normal university	1 (0.02%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
447.	jsc er-telecom holding	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
448.	jsc globus-telecom	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
449.	jupiter telecommunication co. ltd	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	3.00	00:17:09	0.00%	0 (0.00%)	US\$0.00 (0.00%)
450.	king s college london	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
451.	kpn mobile the netherlands b.v.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
452.	lan clients	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
453.	layer 2 broadband customer network	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:01:52	0.00%	(0.00%)	US\$0.00 (0.00%)
454.	leibniz-rechenzentrum	1 (0.02%)	1 (0.02%)	5 (0.06%)	80.00%	1.20	00:02:02	0.00%	(0.00%)	US\$0.00 (0.00%)
455.	level 3 communications inc.	1 (0.02%)	0 (0.00%)	1 (0.01%)	0.00%	2.00	00:04:56	0.00%	(0.00%)	US\$0.00 (0.00%)
456.	level 3 parent llc	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:13	0.00%	(0.00%)	US\$0.00 (0.00%)
457.	linkchina	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
458.	linode llc	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
459.	lockheed martin corporation	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:04	0.00%	(0.00%)	US\$0.00 (0.00%)
460.	logtel telecomunicacoes e informatica Itda me	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
461.	london grid for learning trust	1 (0.02%)	0 (0.00%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
462.	los alamos national laboratory	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
463.	m-system-ltd-lan	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
464.	m1 limited	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
465.	managed network solutions inc.	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
466.	markus koch	1 (0.02%)	(0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
467.	masarykova univerzita - ustav vypocetni techniky	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
468.	massachusetts institute of technology	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
469.	mastertel network for edvayzor ltd	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
470.	max-planck-institut fuer informatik saarbruecken	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
471.	maxis broadband sdn bhd	1 (0.02%)	1 (0.02%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
472.	maxon motor ag	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
473.	mediacom communications corp	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	3.00	00:06:21	0.00%	(0.00%)	US\$0.00 (0.00%)
474.	meo - servicos de comunicacoes e multimedia s.a.	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	3.00	00:00:49	0.00%	0 (0.00%)	US\$0.00 (0.00%)
475.	mi2s	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
476.	mobile business group	1 (0.02%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)

477.	monash university	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
478.	morgan stanley	1 (0.02%)	1 (0.02%)	(0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
479.	motorola solutions inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
480.	mpc pawel oleksiewicz	1 (0.02%)	1 (0.02%)	(0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
481.	mtc ksa	1 (0.02%)	1 (0.02%)	(0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
482.	multacom corporation	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
483.	multikom s.a.	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
484.	multiprotocol service provider to other isp s and end users	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
485.	nan fang jr ying information society	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
486.	nas dhcp pool bologna	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
487.	national institute of informatics	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
488.	national institute of technology shillong	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
489.	national psdn uzpak	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
490.	ncc#2006071591	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
491.	ncc#2008114512	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:16	0.00%	0 (0.00%)	US\$0.00 (0.00%)
492.	netcologne gmbh	1 (0.02%)	1 (0.02%)	(0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
493.	netia sa	1 (0.02%)	0 (0.00%)	(0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
494.	nforce entertainment b.v.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
495.	northrop grumman corp.	1 (0.02%)	1 (0.02%)	(0.01%)	0.00%	2.00	00:00:11	0.00%	0 (0.00%)	US\$0.00 (0.00%)
496.	nos comunicacoes s.a.	1 (0.02%)	1 (0.02%)	(0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
497.	nposistemi milano	1 (0.02%)	1 (0.02%)	(0.01%)	0.00%	2.00	00:00:28	0.00%	0 (0.00%)	US\$0.00 (0.00%)
498.	nsw strathfield nat pool 3	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
499.	nus gigapop	1 (0.02%)	1 (0.02%)	2 (0.03%)	50.00%	1.50	00:04:04	0.00%	0 (0.00%)	US\$0.00 (0.00%)
500.	nv1834-ripe	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
501.	nvidia corporation	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:29:07	0.00%	0 (0.00%)	US\$0.00 (0.00%)
502.	ohio state university	1 (0.02%)	1 (0.02%)	6 (0.08%)	83.33%	1.17	00:00:17	0.00%	0 (0.00%)	US\$0.00 (0.00%)
503.	openface inc.	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
504.	orange romania	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
505.	organisation	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:15	0.00%	0 (0.00%)	US\$0.00 (0.00%)
506.	ouk broadband ip stream	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
507.	owl limited	1 (0.02%)	1 (0.02%)	(0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
508.	partner communications ltd.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
509.	penn state university	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:32	0.00%	0 (0.00%)	US\$0.00 (0.00%)
510.	pepsico inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
511.	petr bydzovsky housing ttc praha	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
512	phoop	1	1	1	100.00%	1.00	00.00.00	0.00%	0	US\$0.00

312.	рпрор	(0.02%)	(0.02%)	(0.01%)	100.00%	1.00	00.00.00	0.00%	(0.00%)	(0.00%)
513.	pjsc rostelecom	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
514.	playonline	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
515.	pohang university of science and technology	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:15	0.00%	(0.00%)	US\$0.00 (0.00%)
516.	pop nice	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
517.	pop puteaux	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
518.	private layer inc	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
519.	psinet inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
520.	public internet to mobile client	1 (0.02%)	1 (0.02%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
521.	qtel-adsl-pool	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
522.	quadranet enterprises IIc	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
523.	qwest communications company llc	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
524.	rcn	1 (0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
525.	rcs & rds mobile	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:01:12	0.00%	(0.00%)	US\$0.00 (0.00%)
526.	ripe ncc	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
527.	rockwell collins (india) enterprises pvt ltd	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	4.00	00:01:08	0.00%	(0.00%)	US\$0.00 (0.00%)
528.	rogers telecom inc.	1 (0.02%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
529.	romtelecom data network	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
530.	rutgers university	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
531.	salt mobile sa	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
532.	sbcloud	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
533.	scansafe services llc	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
534.	schneider electric buildings ab	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
535.	self servis ltd. catv ivancice and environs	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
536.	seoul hanchon elementary school	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
537.	shandong zibo college	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
538.	shanghai leigesi enterprise information consulting co. ltd.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
539.	shaw communications inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:02:22	0.00%	0 (0.00%)	US\$0.00 (0.00%)
540.	shenzhen university	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:02:35	0.00%	0 (0.00%)	US\$0.00 (0.00%)
541.	shidawangba-8m chengdu sichuan	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
542.	siemens corporation	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
543.	simsu - service informatique mutualise du site universitaire	1 (0.02%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
544.	singapore university of technology and design	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
545.	singnet pte ltd	1 (0.02%)	1 (0.02%)	(0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
546.	singtel mobile	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
547.	skynet network	(0.02%)	(0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00

548.	smile internet gold	(0.02%)	(0.02%)	(0.01%) 1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%) (0.00%)	US\$0.00 (0.00%)
549.	sn systems Itd	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
550.	softbank corp.	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:01:22	0.00%	0 (0.00%)	US\$0.00 (0.00%)
551.	sonic markets inc	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
552.	sonic.net inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:03	0.00%	0 (0.00%)	US\$0.00 (0.00%)
553.	southwest university for nationalities	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
554.	spot-net ltd	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
555.	sprint	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
556.	sri international	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
557.	stanford university	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
558.	starhub internet pte ltd	1 (0.02%)	1 (0.02%)	(0.03%)	50.00%	2.00	00:00:42	0.00%	(0.00%)	US\$0.00 (0.00%)
559.	stefanini consultoria e assessoria em informatica	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
560.	stentor national integrated communications network	1 (0.02%)	(0.00%)	1 (0.01%)	0.00%	2.00	00:00:28	0.00%	(0.00%)	US\$0.00 (0.00%)
561.	stichting duwo	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
562.	stofa a/s	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
563.	student housing technologies	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
564.	studierendenwerk bonn aoer	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
565.	sunrise communications ag	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
566.	superloop (australia) pty ltd	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
567.	suunto oy	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
568.	svenska massan stiftelse	1 (0.02%)	1 (0.02%)	2 (0.03%)	50.00%	2.00	00:00:31	0.00%	0 (0.00%)	US\$0.00 (0.00%)
569.	svyaz-telecom	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
570.	swiss network fttx access	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:17	0.00%	0 (0.00%)	US\$0.00 (0.00%)
571.	swisscom (schweiz) ag	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	3.00	00:21:17	0.00%	0 (0.00%)	US\$0.00 (0.00%)
572.	syd energi bredbaand a/s	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
573.	sympatico hse	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
574.	synack inc.	1 (0.02%)	1 (0.02%)	3 (0.04%)	66.67%	1.33	00:03:15	0.00%	(0.00%)	US\$0.00 (0.00%)
575.	t-2 access network	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
576.	t-mobile	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
577.	te data	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
578.	technische universitaet graz	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
579.	technische universitaet kaiserslautern	1 (0.02%)	1 (0.02%)	5 (0.06%)	80.00%	1.20	00:01:10	0.00%	(0.00%)	US\$0.00 (0.00%)
580.	technische universitaet muenchen	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
581.	telecom argentina s.a.	1 (0.02%)	0 (0.00%)	1 (0.01%)	0.00%	2.00	00:03:06	0.00%	(0.00%)	US\$0.00 (0.00%)
582.	telecom plus ltd.	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:36	0.00%	(0.00%)	US\$0.00 (0.00%)

583.	telefonica de espana sau red de servicios ip spain	1 (0.02%)	1 (0.02%)	3 (0.04%)	66.67%	1.33	00:08:44	0.00%	0 (0.00%)	US\$0.00 (0.00%)
584.	telefonica del sur s.a.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
585.	telefonica germany gmbh & co. ohg	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
586.	telekom deutschland gmbh	1 (0.02%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
587.	telekom malaysia berhad	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
588.	telmex chile internet s.a.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
589.	telnet worldwide inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
590.	telus-hsia-edtnabyl	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
591.	textron financial corporation	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
592.	the charles stark draper laboratory inc.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
593.	the corporation for financing and promoting technology (fpt)	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:01:53	0.00%	(0.00%)	US\$0.00 (0.00%)
594.	the department of jobs and small business	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
595.	the johns hopkins medical institutions	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:16	0.00%	0 (0.00%)	US\$0.00 (0.00%)
596.	tieto sweden ab	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
597.	tigers den house#4(sw) bir uttam mir shawkat sharak gulshan-	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
598.	tmnst	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
599.	to ers logically close to bl-br	1 (0.02%)	1 (0.02%)	3 (0.04%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
600.	tokyo institute of technology	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
601.	tr-sol-bb-fttx-rezerve	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	2.00	00:00:58	0.00%	0 (0.00%)	US\$0.00 (0.00%)
602.	twitter international company	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
603.	uninet s.a. de c.v.	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
604.	unitymedia dynamic customer ip pool	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
605.	unitymedia nrw gmbh	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
606.	universidad tecnica federico santa maria	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
607.	universita degli studi di milano	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
608.	universitaet bremen	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
609.	universitatea politehnica timisoara	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
610.	universite jean monnet - st etienne	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
611.	university of bristol	1 (0.02%)	1 (0.02%)	2 (0.03%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
612.	university of california at berkeley	1 (0.02%)	1 (0.02%)	3 (0.04%)	66.67%	1.33	00:00:28	0.00%	(0.00%)	US\$0.00 (0.00%)
613.	university of california santa cruz	1 (0.02%)	0 (0.00%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
614.	university of education winneba	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)
615.	university of illinois at chicago	1 (0.02%)	1 (0.02%)	1 (0.01%)	100.00%	1.00	00:00:00	0.00%	0 (0.00%)	US\$0.00 (0.00%)
616.	university of massachusetts - lowell	1 (0.02%)	1 (0.02%)	1 (0.01%)	0.00%	6.00	00:24:21	0.00%	(0.00%)	US\$0.00 (0.00%)
617.	university of michigan college of engineering	1 (0.02%)	1 (0.02%)	(0.01%)	100.00%	1.00	00:00:00	0.00%	(0.00%)	US\$0.00 (0.00%)

636.	xiancity-ipaddresspool-304	1 (0.02%)	1 (0.02%)	(0.01%)	100.00%	1.00	00:00:00	
637.	xtom	1 (0.02%)	1 (0.02%)	5 (0.06%)	80.00%	1.20	00:01:00	
638.	yuhang telecom ltd	1 (0.02%)	1 (0.02%)	(0.01%)	100.00%	1.00	00:00:00	
639.	zbusa llc	1 (0.02%)	1 (0.02%)	(0.01%)	100.00%	1.00	00:00:00	
640.	zhejiang telecom	1 (0.02%)	1 (0.02%)	(0.03%)	100.00%	1.00	00:00:00	
641.	zhejiang university (merged former zhejiang medical university)	1 (0.02%)	(0.02%)	(0.01%)	100.00%	1.00	00:00:00	
642.	ziggo consumers	(0.02%)	(0.02%)	(0.01%)	100.00%	1.00	00:00:00	

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